

Claims

- [c1] 1.A magnet carrier for a rotary electrical device comprising of a cylindrical body having an exposed cylindrical surface extending around a rotational axis of the device, a plurality of circumferentially spaced, axially extending slots formed in said cylindrical surface of a depth sufficient to receive and contain a magnet element, and a positioning member formed at at least one end of each of said slots and closing the end thereof to abuttingly engage an end of a magnet element received in said slot for positively locating the magnet element in the respective slot.
- [c2] 2.A magnet carrier for a rotary electrical device as set forth in claim 1, wherein a positioning member is provided at only one end of each slot.
- [c3] 3.A magnet carrier for a rotary electrical device as set forth in claim 2, wherein the positioning members are all positioned at the same axial end of the slots.
- [c4] 4.A magnet carrier for a rotary electrical device as set forth in claim 3, wherein the slots are all formed in a cylindrical surface formed by a common element.

- [c5] 5.A magnet carrier for a rotary electrical device as set forth in claim 4, wherein the positioning members are all formed from a common element.
- [c6] 6.A magnet carrier for a rotary electrical device as set forth in claim 5, wherein common elements forming the slots and the positioning members are the same.
- [c7] 7.A magnet carrier for a rotary electrical device as set forth in claim 3, wherein the slots are formed by a plurality of laminated plates.
- [c8] 8.A magnet carrier for a rotary electrical device as set forth in claim 8, wherein the positioning members are all formed from a common plate fixed at one end of the laminated plates.
- [c9] 9.A magnet carrier for a rotary electrical device as set forth in claim 1, wherein a positioning member is provided at each end of each slot.
- [c10] 10.A magnet carrier for a rotary electrical device as set forth in claim 4, wherein the positioning members at the respective ends of the slots are all formed from a common element.
- [c11] 11.A magnet carrier for a rotary electrical device as set forth in claim 10, wherein common elements forming the

slots and the positioning members are the same.

[c12] 12.A magnet carrier for a rotary electrical device as set forth in claim 9, wherein the slots are formed by a plurality of laminated plates.

[c13] 13.A magnet carrier for a rotary electrical device as set forth in claim 12, wherein the positioning members at each end of the slots are all formed from a common plate fixed at the respective end of the laminated plates.